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20987

7590

11/24/2006

VOLENTINE FRANCOS, & WHITT PLLC  
 ONE FREEDOM SQUARE  
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 RESTON, VA 20190



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(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/673,873	09/30/2003	Sung-Bae Lee	SEC.1084	2344

TITLE OF INVENTION: METHOD OF FORMING A TRENCH FOR USE IN MANUFACTURING A SEMICONDUCTOR DEVICE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	02/26/2007
EXAMINER	ART UNIT	CLASS-SUBCLASS				
ESTRADA, MICHELLE	2823	438-749000				
1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).	2. For printing on the patent front page.					
<input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.	(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,					
<input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.	(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.					

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Samsung Electronics Co., Ltd.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Suwon-si, Gyeonggi-do, Republic of Korea

Please check the appropriate assignee category or categories (will not be printed on the patent):  Individual  Corporation or other private group entity  Government

4a. The following fee(s) are submitted:

- Issue Fee  
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 Advance Order - # of Copies 1

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 Payment by credit card. Form PTO-2038 is attached.  
 The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 50-0238 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.  b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Date Jan. 19, 2007

Typed or printed name Adam C. Volentine

Registration No. 33289

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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## TRANSMITTAL OF PAYMENT OF ISSUE FEE (Large Entity)

Docket No.

(37 CFR 1.311)

SEC.1084

Applicant(s): Sung-Bae Lee et al.

JAN 19 2007

Application No. 10/673,873	Filing Date 09/30/2003	Examiner ESTRADA, MICHELLE	Customer No. 20987	Group Art Unit 2823	Confirmation No. 2344
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Invention: METHOD OF FORMING A TRENCH FOR USE IN MANUFACTURING A SEMICONDUCTOR DEVICE

**Mail Stop Issue Fee  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450**

Transmitted herewith are the following for the above-identified application.

- Issue Fee Transmittal Form PTOL-85
- Utility Fee: \$ 1400.00     Design Fee: \_\_\_\_\_     Plant Fee: \_\_\_\_\_
- Publication Fee: \$ 300.00
- A check in the amount of \$1,703.00 is attached.
- The Director is hereby authorized to charge and credit Deposit Account No. 50-0238 as described below.
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- Credit any overpayment.
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Signature

Dated: JAN. 19, 2007

ADAM C. VOLENTINE  
REG. NO. 33289

VOLENTINE & WHITT, PLLC  
11951 FREEDOM DRIVE, SUITE 1260  
RESTON VA 20190

TEL. 571.283.0720

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